

1. A heat pipe having at least one diamond element through which at least a portion of heat flowing between a heat source and a heat pipe passes wherein the heat source is an electronic device.

C1 2. A heat pipe having multiple diamond elements through which at least a portion of heat flowing between a heat source and a heat pipe passes.

3. A heat pipe having at least one diamond element through which at least a portion of heat flowing between a heat source and a heat pipe passes wherein the heat source is an electronic device.

4. A heat pipe having multiple diamond elements through which at least a portion of heat flowing between a heat source and a heat pipe passes, wherein {the heat sources} are electronic devices.

5. A heat pipe having at least one diamond element through which at least a portion of heat flowing between a heat source and a heat pipe passes, the heat pipe functioning to improve thermal uniformity within the heat source.

6. A heat pipe having multiple diamond elements through which at least a portion of heat flowing between a heat source and a heat pipe passes, the heat pipe functioning to improve thermal uniformity within and among {the heat sources}

Kindly add Claims 17-20 as follows:

17. A heat pipe having a diamond wall through which at least a portion of heat flowing into or out of the heat pipe passes.

18. A heat pipe having a diamond wall through which at least a portion of heat flowing into or out of the heat pipe passes, wherein the heat sources are electronic devices.

19. A heat pipe having a diamond wall through which at least a portion of heat flowing into or out of the heat pipe passes, the principal function of the heat pipe being to improve thermal uniformity within the heat source.

20. A heat pipe having a diamond wall through which at least a portion of heat flowing into or out of the heat pipe passes, the principal function of the heat pipe being to improve thermal uniformity within and among the heat sources.

REMARKS

The 35 U.S.C. §112 Rejection

The Examiner rejected claims 3-6 under 35 U.S.C. §112 ^{2nd} ~~first~~ paragraph. The Examiner indicates that the recitations in claims 3-6, "the heat source", "the heat sources" and "the principal function" lack antecedence. Applicant has amended the claim to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Applicant respectfully thanks the